

Datasheet for ABIN6961169

**CD70 Protein (AA 39-193) (Fc-His Tag)**[Go to Product page](#)**2** Images

## Overview

Quantity:	100 µg
Target:	CD70
Protein Characteristics:	AA 39-193
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD70 protein is labelled with Fc-His Tag.

## Product Details

Purpose:	Recombinant human CD70 protein with C-terminal human Fc and 6xHis tag
Specificity:	CD70 (Gln39-Pro193) hFc (Glu99-Ala330) 6xHis
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

## Target Details

Target:	CD70
Alternative Name:	CD70 ( <a href="#">CD70 Products</a> )
Background:	The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF)

## Target Details

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ligand family. This cytokine is a ligand for TNFRSF27/CD27. It is a surface antigen on activated, but not on resting, T and B lymphocytes. It induces proliferation of costimulated T cells, enhances the generation of cytolytic T cells, and contributes to T cell activation. This cytokine is also reported to play a role in regulating B-cell activation, cytotoxic function of natural killer cells, and immunoglobulin synthesis.

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Molecular Weight: predicted molecular mass of 44.1 kDa after removal of the signal peptide.

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Gene ID: 970

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UniProt: [P32970](#)

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Pathways: [Cancer Immune Checkpoints](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

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Storage: -20 °C,-80 °C

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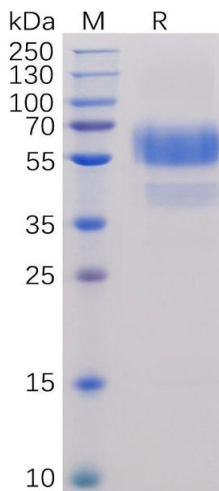
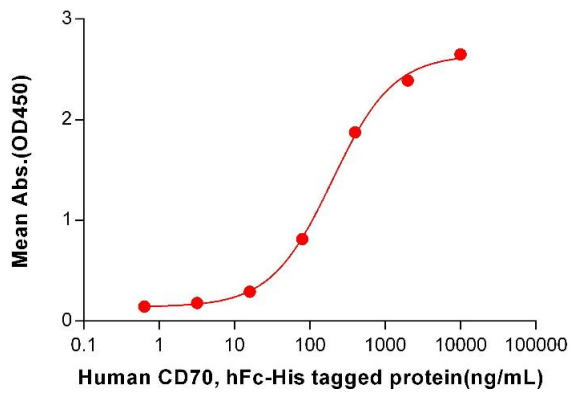
Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).  
Lyophilized proteins are shipped at ambient temperature.

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Expiry Date: 12 months

### Human CD27, mFc-His tagged protein ELISA

0.2 µg of Human CD27, mFc-His tagged protein per well



### ELISA

**Image 1.** ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human CD27, mFc-His tagged protein (ABIN6961086, ABIN7042201 and ABIN7042202) can bind Human CD70, hFc-His tagged protein (ABIN6961169, ABIN7042367 and ABIN7042368) in a linear range of 3.2-80 ng/mL.

### SDS-PAGE

**Image 2.** Human CD70 Protein, hFc-His Tag on SDS-PAGE under reducing condition.